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25X1

UNSATISFACTORY

- [illegible]

12. REMARKS: (EXPLAIN UNSATISFACTORY REPORT)

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UNSATISFACTORY

- [illegible]

#1	<u>1035</u>	9.0	<u>1635</u>	7.9
#2	<u>1035</u>	9.5	<u>1635</u>	8.2

- [illegible]

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Approved For Release 2006/11/04 : CIA-RDP69B00041R000500030007-3

Mission 0x 6710

mc * 40224/27 TOP SECRET * * *

DCOL CHECK LIST

* DENOTES MANDATORY CALL TO COMMAND POST UPON COMPLETION

H-24:00 TO H-23:30: SECURE SUITS, CHUTES, KITS AND VENT UNITS: 1130 - 1200
 DESIGNATE LIFE SUPPORT TECHNICIANS:
 46 A/C 29 P.....
 51 A/C 29 S.....

H-23:30: ATTEND COMMANDERS BRIEFING:..... 1200
 SUBMIT HANGAR ACCESS ROSTER, 2 CYS 1 TO MC 1 TO SECURITY.....
 SUBMIT RECOVERY ROSTER, 1 CY TO MC 1 CY TO ADMIN. 1330 - 1400

H-22:00 TO H-21:30: COORDINATE WITH INTELLIGENCE AND SURVIVAL PERSONNEL ON
 SURVIVAL AND E&E ITEMS:..... 1330 - 1400

H-22:00 TO H-17:00: PREFLIGHT: 1330 - 1830
 BOTH SUITS (EA PILOT).....
 PARACHUTE AND EMERGENCY O2 SYSTEMS.....
 SEAT KIT COMPONENTS.....
 SUIT ROOM VENT.....
 LOX VENT UNIT.....
 OXYGEN CYLINDERS.....
 TEST EQUIPMENT.....
 TRANSPORT VANS.....

H-20:00: NOTIFY SECURITY, SEAT KIT AVAILABLE FOR PACKING:..... 1530

H-3:00 TO H-1:40: PREPARE PREBREATHING ROOM FOR RECEIPT OF PILOT:..... 0930 - 0950

H-2:00 PERSONALLY CHECK WITH MISSION COORDINATOR AT C.P. TO VERIFY NAMES OF
 PRIMARY AND SPARE PILOTS AND AIRCRAFT: 0930
 25X11A

INSTALL SEAT KIT AND PARACHUTE:.....

H-2:00: RECEIVE PACKET FROM INTELLIGENCE..... 0930

H-1:45 TO H-1:30: SECURITY INSPECTS SUITS:..... 0945 - 1000

H-1:40 TO H-1:25: FLIGHT SURGEONS MEDICAL IN DCOL:..... 0950 - 1005

H-1:20 TO H-1:10: DRESS PILOT, PRESSURE CHECK EQUIPMENT:..... 1010 - 1020

H-1:10 TO H-1:05: PREPARE FOR PILOT TRANSPORT:..... 1020 - 1025

*H-1:05 TO H-1:00: TRANSPORT TO AIRCRAFT:..... 1025 - 1030

*H-1:00 TO H-0:45: PILOT HOOKUP AND SUIT A/C CHECK..... 1030 - 1045

H-0:45 TO TAKEOFF: STANDBY IN DCOL AND PACK LOW RECOVERY EQUIPMENT:..... 1045

LANDING: REMOVE PILOT, TRANSPORT PILOT BACK TO DCOL, DESUIT PILOT:.....
 DEBRIEF PILOT, EVALUATE AND CHECK RELIABILITY OF EQUIPMENT:.....
 POST-FLIGHT EQUIPMENT:.....

* * * TOP SECRET * * *

FULL PRESSURE SUIT TEST LOG

SUBJECT # 1046
 SUIT # -3
 OUTER GARMENT w/FLOAT GEAR -3w
 HELMET # -2
 GLOVES # -3
 BOOTS -2

FLIGHT DATE 20 Feb 67
 DON
 DOFF
 TIME IN SUIT 6:30
 TECHNICIAN

25X11A

PRESS-TO-TESTPRE-FLIGHTSUBJECT TESTPOST-FLIGHTSYSTEM #1

Max Pressure	<u>104</u>	<u>110</u>	<u>112</u>
Differential	<u>1.2</u>	<u>1.6</u>	<u>1.2</u>
Leak Rate	<u>750</u>	<u>350</u>	<u>1400</u>

SYSTEM #2

Max Pressure	<u>114</u>	<u>120</u>	<u>118</u>
Differential	<u>1.2</u>	<u>1.8</u>	<u>1.2</u>
Leak Rate	<u>750</u>	<u>400</u>	<u>1450</u>
Unpress Leak Rate	<u>450</u>	<u>500</u>	<u>500</u>
Face Heat	<u>222</u>	<u>✓</u>	<u>✓</u>
Commo and Cord	<u>OK</u>	<u>✓</u>	<u>✓</u>
Pencils	<u>✓</u>	<u>✓</u>	<u>✓</u>
Knife	<u>✓</u>	<u>✓</u>	<u>✓</u>
Controller Number	<u>71</u>	<u>71</u>	<u>✓</u>
Packet	<u>✓</u>	<u>✓</u>	<u>✓</u>
Grease Zippers	<u>✓</u>	<u>✓</u>	<u>✓</u>
Check Location of CO ₂	<u>✓</u>	<u>✓</u>	<u>✓</u>
Pressure Tap Screws	<u>✓</u>	<u>✓</u>	<u>✓</u>

PRESSURE SUIT HOOK-UP AND CHECKLIST

1. ✓ Packet in pocket.
2. ✓ Stirrups secured.
3. ✓ Communication secured and functioning.
4. ✓ Face heat on (low).
5. ✓ Oxygen hoses secured in QD.
6. ✓ Three harness snaps secured - harness adjusted and surplus stowed.
7. ✓ Kit adjusted and surplus stowed.
8. ✓ Two (2) bailout hoses secured.
9. ✓ Lap belt, shoulder harness, key secured and adjusted.
10. ✓ Oxygen hoses under right leg strap, chest strap under helmet-hold-down.
11. ✓ Emergency oxygen lanyard secured and pin removed.
12. ✓ Red knob secured.
13. ✓ Green apple secured.
14. ✓ Manual over ride handle secured.
15. ✓ Two (2) rocket jet releases secured.
16. ✓ Check face heat.
17. ✓ Heat probe.
18. ✓ Press to test both oxygen systems.
19. ✓ Readjust lap belt.
20. ✓ LOW oxygen pressure - #1 system 65/70 #2 system 65/70.
21. ✓ HIGH oxygen pressure Departing #1 system 9.0 #2 system 9.5.
22. ✓ Foot rest guards over seat foot rests. 1035

SUBJECT 46 AIRCRAFT NUMBER 29

25X11A TECHNICIAN DATE OF FLIGHT 20701x64

HIGH oxygen pressure Returning #1 system 7.9 #2 system 8.2

1635

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FULL PRESSURE SUIT TEST LOGSUBJECT # 1051FLIGHT DATE 20 Jul 67SUIT # -3JON OUTER GARMENT W/FLOAT GEAR -3JOFF HELMET # -SN 298TIME IN SUIT GLOVES # -2TECHNICIAN

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BOOTS -1PRESS-TO-TESTPRE-FLIGHTSUBJECT TESTPOST-FLIGHTSYSTEM #1Max Pressure 110100110Differential 1.41.41.2Leak Rate 7506001200SYSTEM #2Max Pressure 114120114Differential 1.41.41.2Leak Rate 9005001300Unpress Leak Rate 250500450Face Heat 18✓✓Commo and Cord OK✓✓Pencils 1✓✓✓Knife ✓✓✓Controller Number 333333Packet ✓✓✓Grease Zippers ✓✓✓Check Location of CO₂ ✓✓✓Pressure Tap Screws ✓✓

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EQUIPMENT PREFLIGHT FOR HIGH FLIGHT

PARACHUTE

1. ✓ Ripcord pins seated (main and first stage).
2. ✓ Pack opening elastics secured.
3. ✓ First stage jettison mated and pins secured.
4. ✓ Two (2) rocket jet units secured.
5. ✓ Manual over ride handle secured.
6. ✓ Green apple secured.
7. ✓ Red knob secured.
8. ✓ Bailout hoses adjusted for pressure suit.
9. ✓ Bailout hose connectors operating.
10. ✓ Harness adjusted for HIGH flight.
11. ✓ Automatic openers - triggered and reset.
12. ✓ Aneroids 1400' to 7500'.
13. ✓ Bailout cylinder pins secured.
14. ✓ Bailout cylinder pressure #1 1800 #2 1800.
15. ✓ Communication cord secured to chute.
16. ✓ Visual inspection completed.

SURVIVAL KIT

1. ✓ Yellow handle secured.
2. ✓ Trigger clearance.
3. ✓ Kit disconnects secured.
4. ✓ Lid secured.
5. ✓ Visual condition.

INSTALLATION

1. ✓ Vent secured at disconnect.
2. ✓ Kit secured to chute - loose.
3. ✓ Emergency oxygen lanyard secured to chute and pin installed.
4. ✓ Communication cord secured at disconnect.
5. ✓ Vent hose secured to chute.
6. ✓ Pin secured in QD and safetied.
7. ✓ Oxygen system low pressure #1 85/75 #2 80/70.
8. ✓ Pip pin in "D" ring.
9. ✓ Stirrup cables extended and operating freely.
10. ✓ Foot rest guards over seat foot rest.

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SUBJECT	<u>51</u>	AIRCRAFT NUMBER	<u>27</u>
TECHNICIAN	<u>[]</u>	DATE OF FLIGHT	<u>30 July 67</u>
SEAT KIT NUMBER	<u>51</u>	PARACHUTE NUMBER	<u>104</u>
TYPE CUSHION	<u>5B</u>	VENT HOSE NUMBER	<u>60</u>

DCOL

BX6710

MISSION PILOTS ACTIVITY SCHEDULE FOR OPERATIONAL MISSION

<u>H-HOUR TIME</u>	<u>LOCAL TIME</u>	<u>ITEM</u>	<u>LOCATION</u>
H-22:30	<u>1300</u>	Pre-mission Physical Examination	Flt Surgeons Office
H-21:30	<u>1400</u>	Eating	Aircrew Mess
H-20:30	<u>1500</u>	Recreation activities as scheduled	Selected Area
H-18:00	<u>1730</u>	Intelligence Review	Intelligence Office
H-17:00	<u>1830</u>	Initial Briefing and Recreation	Briefing Room, Ops
H-14:00	<u>2130</u>	Eating	Aircrew Mess
H-13:00	<u>2230</u>	Rest	Assigned House
H- 4:30	<u>0700</u>	Wake-up/Psychological Ck/Breakfast	Assigned House/Air-crew Mess
H- 3:30	<u>0800</u>	Final Briefing	Briefing Room/Ops
H- 1:40	<u>0950</u>	Final Physical Evaluation	Physiological Area
H-1:25	<u>1005</u>	Suiting	Physiological Area
H- 1:05	<u>1025</u>	Leave Ops	Transport Van
H- 1:00	<u>1030</u>	Arrive Aircraft	Hangar
H- :45	<u>1045</u>	Complete Loading	Aircraft
H- :30 (:25)	<u>1100</u>	Start Engine	Hangar
H- :20	<u>1110</u>	Taxi	Aircraft
H- :05	<u>1125</u>	Trim Engine	Aircraft
H- :00	<u>1130</u>	Takeoff	Aircraft

L+ :25	_____	Post Mission Physical Examination	Physiological Area
L+ :45	_____	Ops Debrief	Briefing Room/Ops
L+ 1:00	_____	Mission Debrief	Briefing Room/Ops

L+ 3:30

Released

70 1130 L

KC
MV

129
127

1830

0800

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19 July 1967

19 July 1962

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Mission Coordinator

CMDR	_____	_____	DCOL	_____	_____
DCO	_____	_____	DCOC/MC	_____	_____
DCM	_____	_____	DCOMI	_____	_____
DCS	_____	_____	DCOW	_____	_____
SECUR	_____	_____	COMMO	_____	_____
FLT SURG	_____	_____	AFCS	_____	(Notify Only)
DCOM	_____	_____	TTC(SAC	_____	(Notify Only)

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